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MIAMI-DADE COUNTY, FLORIDA
REQUEST FOR DESIGN BUILD SERVICES
MIAMI-DADE COUNTY PUBLIC WORKS AND WASTE MANAGEMENT DEPARTMENT
DESIGN-BUILD SERVICES FOR PEOPLE'S TRANSPORTATION PLAN (PTP)
ROADWAY IMPROVEMENTS TO NE 2 AVENUE FROM NE 69 STREET TO NE 84 STREET
ISD PROJECT NO. DB15-PWWM-01

The County Mayor, Miami-Dade County (County), pursuant to Section 287.055, Florida Statutes, 2-8.1 and 2-10.4 of the Miami-Dade County Code and Administrative Order 3-39, announces that the Public Works and Waste Management Department (PWWM) requires Design-Build Services for the project entitled People's Transportation Plan (PTP) Roadway Improvements to NE 2 Avenue from NE 69 Street to NE 84 Street, (Contract No: 20150195)

SCOPE OF SERVICES

The Design-Builder shall provide professional services, which includes, but is not limited to the following: Furnishing all professional services, supervision, labor, materials, equipment, tools and performing all operations required to construct the work in accordance with the Contract Documents.

The work includes all design and construction services necessary to perform roadway reconstruction, new storm water system, sidewalks, curb and gutters, pavement markings, signage, signalization, decorative lighting, and landscaping.

The work also includes all design and construction services necessary to install a 12-inch water main and all appurtenances on NE 2nd Ave from NE 79th St to NE 84th St as follows:

The Design-Builder shall provide existing conditions investigations, engineering, design, and preparation of technical specifications, permitting, construction, testing and commissioning services, and customer contact for the proposed 12-inch water main. The design and construction services rendered by the Design-Builder shall result in a complete, functional, and operable pipe line project.

- a) Coordinate the design, permitting and installation of the new 12-inch water main in the project corridor, in NE 2 Avenue from NE 79 St. to NE 84 St., including 12-inch water main stub-out at intersections, fire hydrants and interconnections with existing water main at intersection streets.
- b) Approximately 1,800 feet of 12-inch D.I.P. water main in NE 2 Avenue, approximately 525 feet of 12-inch D.I.P. water main stub-outs at intersection streets (estimated 7 stub-outs at 75 foot length, at each side), and 320 feet of 6-inch D.I.P. water main as fire hydrant branches, along the route described above, including following items:
 - Tap an existing 12-inch water main in NE 2 Avenue just north of NE 79 St.;
 - Tap an existing 12-inch water main in NE 2 Avenue north of NE 84 Street;
 - Install six (6) fire hydrants
 - Connect existing water services, estimated total 31 services, 4 of them 2-inch services, and 27 of them 1-inch single services
 - Various water main tapping connections in intersection streets:
 - Two (2) – 4-inch water main connections, NE 82 Terrace; NE 82 Street
 - Six (6) – 8-inch water main connections, NE 80 Terrace (East and West), NE 82 Street (West), NE 82 Terrace (East), NE 84 Street, and a 8-inch water service connection north of NE 79 St.
 - One (1) – 12-inch water main connection, NE 83 Street
 - One (1) – 54-inch connection through an existing 54"x12" outlet, at NE 82 Street

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- c) The Design-Builder shall design and construct the tapping and connection, and commissioning the new 12-inch water mains without interruption of service to the existing Miami-Dade Water and Sewer Department (MDWASD) customers.
- d) Installation of all required fittings and valves, ancillary piping, tapping, utility relocation, and tie-in connections to facilitate successful construction and commissioning.
- e) Cut, plug and place existing 12-inch water mains, 8-inch and 4-inch water mains out of service; Remove and salvage existing fire hydrants.
- f) Cleaning, disinfecting and testing of the water main, acquiring necessary approval from permit agencies and placing water main into services.
- g) Reconnect all existing water services.
- h) Restoration of all areas disturbed by construction activities to conditions equal or better to those before the commencement of work activities.

The standards and specifications of MDWASD can be accessed through link below:

<http://www.miamidade.gov/water/design-construction-standards.asp>

The scope of services shall include all professional services, all labor, supervision, quality control, project controls, safety programs, materials, tools, equipment, services, methods and procedures necessary or convenient for the Contractor to fulfill all duties and obligations, which can be reasonably assumed as necessary to fulfill the intent of the project scope and to provide a complete, fully functional and satisfactory Project.

PROJECT COST

The estimated total Contract amount is eight million forty-six thousand one hundred eighty-nine dollars and twenty-one cents (\$8,046,189.21) inclusive of the contingencies and dedicated allowances. The estimated Design-Build project cost is seven million, twenty thousand, seven hundred ninety-four dollars, and ninety-nine cents (\$7,020,794.99), exclusive of allowances and contingencies.

The County reserves the right to negotiate or reject any and all proposal(s), if the price exceeds the estimated project cost. The Price Proposal Form is to include all design and construction services, labor, materials, equipment, tools, utilities, permit fees, approvals, authorizations, certificates, including applicable taxes and all facilities necessary for the completion of the Work.

EXPERIENCE AND QUALIFICATIONS

TBD

A/E TECHNICAL CERTIFICATION REQUIREMENTS FOR THE A/E DESIGN TEAM

3.02 Highway Systems - Major Highway Design (Lead A/E)

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3.09 Highway Systems - Signing, Pavement Marking, And Channelization (Lead A/E)

10.01 Environmental Engineering - Stormwater Drainage Design Engineering Services (Lead A/E)

3.10 Highway Systems – Lighting

3.11 Highway Systems – Signalization

6.01 Water and Sanitary Sewer Systems - Water Distribution and Sanitary Sewage Collection and Transmission Systems

9.02 Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services

9.03 Soils, Foundations and Materials Testing - Concrete and Asphalt Testing Services

15.01 Surveying and Mapping – Land Surveying

15.02 Surveying and Mapping - Aerial Photogrammetry

20.00 Landscape Architecture

CONTRACT MEASURES

The Miami-Dade County Small Business Enterprise (SBE) and Community Workforce Program (CWP) goals are as follows:

- a) 100.00% SBE-A/E Tier 2 Set-Aside (Design portion only).
- b) 10.3% SBE-Construction goal (Construction portion only).
- c) 4.00% SBE – Goods & Services goal.
- d) 10.00% CWP goal

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